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(इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके)
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 19th November 1988

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1-337 GI/88

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APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act, 1970

The 12th October 1988

841/Cal/88. (1) Dr. Subrata Dutta (2) Dr. (Mrs.) Shyamali Dutta. Single Adjustable Cervical Dilator.

842/Cal/88. Exel Oy and Rauma—Repola Oy. Method for fixing a connecting piece to a product made of a composite material, and connecting piece used in the method.

843/Cal/88. Rune Lohman and AB. Trama. Coupling means for a bicycle two and three wheelers.

844/Cal/88. Kolpinskoe Otdelenie Vsesojuznogo Nauchno-Issledovatel'skogo i Proektno-Konstrukterskogo Instituta Metallurgicheskogo Mashinostroenia Nauchno-Proizvodstvennogo Obiedinenia "Vnil-metmash". Shears for cutting plate materials.

The 13th October 1988

845/Cal/88. Institut Elektrosvarki Imeni E. O. Patona Akademii Nauk Ukrainoi SSR. Device for exciting and stabilizing welding arc.

846/Cal/88. Proizvodstvennoe Obiedinenie "Nevsky Zayod" Imeni V. I. Lenina. Centrifugal compressor of a Horizontal parting plane design.

847/Cal/88. Dr. Ing. Koenig AG. Wedge-type clamping cleat for insertable joining clamping device with an wedge-type clamping cleat and jointing of thin-walled plate elements.

848/Cal/88. Indian Institute of Technology (2) Prof Satish Bal (2) Prof. Sukumar Maiti (4) Asim Khamrai. Improved rubber composition for making rubber roll for paddy shellers, the method of preparing the improved rubber roll and a roll so prepared.

ALTERATION OF DATE

163327.
(774/Del/85)

Ante dated to 21st July, 1982.

PATENTS SEALED

149163	157232	160349	161287	161459	161557	161738
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RENEWAL FEES PAID

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163818

Int. Cl. : B 67 D 5/30, B 65 D 83/14

INTEGRAL REAGENT DISPENSER.

Applicant : TECHNISON INSTRUMENTS CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF STATE OF NEW YORK, U.S.A., OF 511 BENE-DICT AVENUE, TARRYTOWN, STATE OF NEW YORK, U.S.A.

Inventors : JOHN LAUREN SMITH & VITO FRANK CHRISTIANO.

Application for Patent No. 742/Cal/83 filed on 8th November, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

An integral reagent dispenser comprising at least one reagent reservoir assembly each connected to a dispenser component provided with a dispenser well for containing reagent, an inlet for supplying reagent to said well and an outlet for supplying reagent from said well, characterised in that said well is circular in configuration, with a hydrophilic inner surface and an inner diameter which is about that of the diameter of a globule of immiscible liquid positioned on the reagent surface plus twice a radius of curvature of reagent meniscus at walls of said well, whereby forces exerted by relevant surface tensions of the reagent and the immiscible liquid cooperate to maintain said globule of immiscible liquid at a substantially central position with respect to the walls of said well.

Compl. specn. 21 pages.

Drgs. 5 sheets

163819

163821

Int. Cl. : G 01 N 1/24.

PORTABLE MULTI-GAS SAMPLER FOR CONTINUOUS SAMPLING OF AIR IN THE ATMOSPHERE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : ANIL KUMAR BOSE, PROFULLA KUMAR MULLICK & JIWANESH KUMAR SINHA.

Application for Patent No. 223/Del/85 filed on 18th March, 1985.

Complete Specification left on 27th May, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A portable multi-gas sampler for continuous sampling of air in the atmosphere consisting of a box inside of which are housed a suction pump connected to an orifice flowmeter comprising of a 'U' tube connected to the orifice, the 'U' tube provided with a two way connection, one end connected to the suction pump and the other end connected to a water trap, the water trap being connected to a conduit provided with four channels which are in turn connected to four impinger tubes containing liquid solvents placed in the corresponding holes of a tube holder, fixed outside the box.

Provisional specification 4 pages.

Compl. specn. 10 pages.

Drgs. 2 sheets

163820

Int. Cl. : C 08 C 1/02.

A PROCESS FOR THE EXTRACTION OF RUBBER AND/OR RESIN FROM RUBBER CONTAINING PLANTS.

Applicant : THE FIRESTONE TIRE & RUBBER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 1200 FIRESTONE PARKWAY, AKRON, STATE OF OHIO 44317, UNITED STATES OF AMERICA.

Inventors : EDWARD LEO KAY & RICHARD GUTLERREZ.

Application for Patent No. 346/Del/85 filed on 23rd April, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

A process for the extraction of rubber and/or resin from rubber containing plants, said process comprises the steps of preliminarily crushing by any known manner the rubber containing plant : adding from 100 to 1 by parts by weight of monophase solvent such as herein described to said crushed rubber containing plant and forming a slurry : high shear grinding said slurry to an extent such that a recovery yield of at least 70 percent of the total resin and/or rubber in said plant is obtained, and separating by any known manner said resin and/or rubber solution from said slurry.

Compl. specn. 22 pages.

Int. Cl. : E 02 F 5/02.

A TRENCHING AND PIPE LAYING APPARATUS.

Applicant : LYNTECH CORPORATION, AN OKLAHOMA CORPORATION OF 10177 SOUTH 77TH EAST AVENUE, TULSA, OKLAHOMA 74133, UNITED STATES OF AMERICA.

Inventor : ROBERT PATRICK LYNCH.

Application for Patent No. 355/Del/85 filed on 26th April, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

20 Claims

A trenching and pipe laying apparatus comprising plow means having a trailing end and a leading end said plow means comprises at least two plows provided for the initial opening and subsequent deepening of a trench, and pipe laying part of said apparatus carried in the plow means for laying the pipe in the opened trench substantially behind the hindmost plow simultaneously with the continuation of the trenching operation.

Compl. specn. 22 pages.

Drgs. 2 sheets

163822

Int. Cl. : B 65 D 88/54.

FLEXIBLE CONTAINER FOR STORING LIQUID OR SOLID SUSPENSIONS.

Applicant : WRIGHTCEL LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF VICTORIA, OF 8-12 CATO STREET, EAST HAWTHORN, VICTORIA, AUSTRALIA.

Inventor : CHARALAMBOS GEORGE KALKIPSAKIS.

Application for Patent No. 501/Del/85 filed on 26th June, 1985.

Convention date June 29, 1984/PG 5771/84 (Australia).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A flexible container of the type used for storing and dispensing liquids and solid suspensions, said container comprising :

flexible wall members sealed together around the peripheral edges thereof and defining an aperture in one of said wall members through which the contents of said container can be passed for filling or dispensing;

a collar member mounted in said aperture and being adapted to receive means for dispensing the contents of said container;

a flap member positioned inside said wall member of said container for covering said aperture and having a heat sealable surface on the side thereof facing said collar member and a non-heat sealable surface on the reverse side thereof; and

at least two spaced divergent weld lines provided in the wall member defining said aperture, said lines being located on opposite sides of said aperture with said flap member being connected to said container along said weld lines thereby forming a divergent chute into said container which widens in a direction away from the center of said aperture to facilitate the filling of said container.

Compl. specn. 8 pages.

Drg. 1 sheet

163823

Int. Cl.4 : F 02 B 33/00 & 25/02.

CYLINDER FOR TWO-STROKE ENGINE WITH SCAVENGE PUMP IN OIL SUMP.

Applicant : PIAGGIO & C. S. p. A., A COMPANY ORGANISED UNDER LAW OF THE ITALIAN REPUBLIC OF VIA A. CECCHI, 6 - GENOVA, ITALY.

Inventor : GIACOMO MONTANO.

Application for Patent No. 521/Del/85 filed on 2nd July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

Cylinder for a two-stroke engine comprising, an engine oil sump, a scavenge pump in the oil sump, provided with a plurality of scavenge ports and with an exhaust port, characterised in that two main scavenge ports are located symmetrically to the axis of the exhaust port and connected to said engine oil sump, the orientation of the walls of said scavenge ports permitting the introduction in one half of said cylinder opposite to said exhaust port, an overall scavenge stream directed upwards and towards the head of said cylinder and stream of exhaust gases in the other half of said cylinder.

Compl. specn. 11 pages.

Drgs. 2 sheets

163824

Int. Cl.4 : F 28 G 9/00.

APPARATUS FOR CLEANING AND/OR DRYING THE INNER WALLS OF PIPELINES.

Applicant : ENERGIE-TECHNIK STEINHAUS GmbH, OF HACHHAUSENER STRASSE 13, 4354 DATTELN, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventors : ING. HARALD STEINHAUS.

Application for Patent No. 586/Del/85 filed on 23rd July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

Apparatus for cleaning and/or drying the inner walls of pipelines comprising at least one exhausting apparatus communicating with the pipeline, characterized in that a first connecting conduit (3) extends from the pipeline (1) to at least one condensating apparatus (5); and a second connecting conduit (7) extends from said condensating apparatus (5) to said exhausting apparatus (9) such that the medium exhausted from the pipeline (1) will pass the cooling surfaces (6) in the interior of the condensating apparatus (5) prior to being introduced into the exhausting apparatus (9).

Compl. specn. 9 pages.

Drg. 1 sheet

163825

Int. Cl.4 : B 01 D 9/02.

A SUGAR CRYSTALLIZER.

Applicant & Inventor : BHUSHAN LAL MITTAL OF 12, AVAS VIKAS, CIVIL LINES, MORADABAD-244001 INDIA, AN INDIAN NATIONAL.

Application for Patent No. 679/Del/85 filed on 28th August, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A sugar crystallizer comprising a single chamber, at least one inlet pipe exterior to said chamber, the discharge end of said inlet pipe being connected to the chamber so that the massecuite from the inlet pipe flows into said chamber, a rotatable shaft having scraper blades disposed within said chamber, a cooling means within said chamber for causing a cooling of the massecuite and a gutter provided within and at the upper end of said chamber for discharge of the massecuite overflowing from the chamber.

Compl. specn. 7 pages.

Drg. 1 sheet

163826

Int. Cl.4 : B 41 N 1/24.

AN IMPROVED PROCESS FOR THE PRODUCTION OF CARBONLESS COPY PAPER.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : CHOWDHARY NATH SAIKIA, PRAFULLA PRAN BARUA, BANI PRASAD CHALIHA AND JOGIN-DRA NATH BARUA.

Application for Patent No. 720/Del/85 filed on 30th August, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A process for the production of Carbonless copy of paper for making multiple copies without the use of carbon paper in between them, by coating the front face of a paper web to form a colourless marking layer herein referred to as a donor surface with an encapsulated colour forming dye derivative like crystal violet lactone (CVL) and coating the rear surface hereinafter referred to as the receptor surface of the paper with a substance adapted to form a coloured mark when it comes into contact with the colourless marking layer characterised in that the dye derivative is first dissolved in dioctyl phthalate in the proportions of 1.85:30 and then encapsulated with gelatin, water, gum arabic, formaldehyde in the proportion of 20:160:20:640 and the receptor is prepared by coating the paper web with a paste containing carboxy methyl cellulose, light kaolin clay, Bisphenol A, precipitated silica, copper sulphate, zinc chloride and water in the proportion 25:250:40:50:100:16:1000.

The product of the invention is used in many specialised business forms like credit card forms, air lines tickets, invoices, purchase order forms etc.

Compl. specn. 14 pages.

163827

Int. Cl.⁴ : B 01 L 3/06.

APPARATUS FOR GROWING THIN-WALLED TUBULAR CRYSTALLINE BODIES MADE OF SILICON, ALPHA-ALUMINA OR LIKE FROM THE MELT.

Applicant : MOBILE SOLAR ENERGY CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 16 HICKORY DRIVE, WALTHAM, MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventors : RICHARD WAREEN STORMONT & LAWRENCE ERISS.

Application for Patent No. 774/Del/85 filed on 24th September, 1985.

Divisional to Application No. 557/Del/82 dated July 21, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

Apparatus for growing thin-walled tubular crystalline bodies made of silicon, alpha-alumina or like from the melt employing a elongate tubular crystalline seed, said apparatus comprising a crucible for said melt; a capillary die within said crucible, said capillary die having an end face in the form of a closed plane geometric figure of similar form and dimensions as the transverse cross-section of said elongate tubular seed; an inner radiation shield disposed interior to said end face and supported clear of and confronting said melt; said inner radiation shield having a central aperture; and a tubular inner after heater dimensioned to be wholly contained within said seed, said inner after heater being supported on said inner radiation shield and having an interior in communication with said crucible through said aperture.

Compl. specn. 21 pages.

Drgs. 2 sheets

163828

Int. Cl.⁴ : B 64 C 1/00.

A PLUME DILUTER DIVERTER ASSEMBLY FOR A TURBINE ENGINE OF AN AIRCRAFT.

Applicant : SOCIETE NATIONALE INDUSTRIELLE AEROSPATIALE, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF FRANCE, OF 37, BOULEVARD DE MONTMORENCY, PARIS 75016, FRANCE.

Inventor : FRANCOIS VALENTIN TOULMAY.

Application for Patent No. 435/Del/85 filed on 30th May, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

13 Claims

A plume diluter diverter assembly for a turbine engine of an aircraft with lateral exhaust which is located in a casing which constitutes an integral part of the fuselage of the aircraft, the assembly comprising :

an injection means constituted by :

— an upstream section constituting a collection chamber for hot exhaust gases from the turbine engine the cross-section of which deforms progressively

from a substantially circular inlet centred on the axis of the turbine of the turbine engine to a substantially rectangular outlet the principal dimension of which is vertical, and

a downstream section which extends from the upstream section and which divides into at least two injection nozzles of substantially rectangular cross-section, and

a plume diluter and diverter body into which the outlets of the injection nozzles debouch and which draws, by a suction effect, fresh ambient air which dilutes the hot gases and lowers the temperature thereof, the outlet of the body being defined by the downstream end of an elbow section which masks the nozzles when viewed from behind and which diverts the plume of gaseous mixture passing through the body, and wherein

the injection means has an S-shaped double elbowed shape, the collection chamber is located inside the housing for the turbine engine and elbowed in such a fashion that its outlet opens towards the outside of the housing, the injection nozzles are located outside of the housing of the turbine engine and elbowed in such a fashion that the flow of hot gases at their outlet is substantially parallel to the axis of the turbine of the turbine engine but offset laterally with reference to this axis, and wherein the diluter diverter body comprises, from its upstream to its downstream end,

— a mixer of substantially rectangular cross-section the principal dimension of which is vertical, into the entry of which mixer there debouches the outlets of the injection nozzles and which is disposed laterally in the projection of these injection nozzles, this mixer being fed with ambient air aspirated via a principal ambient air inlet located substantially at the level of the connection between the collection chamber and the injection nozzles and defined on its outside by a faired forward section of a casing which laterally covers the injection nozzles and the mixer and on its interior by an internal faired screen masking the injection means to the front and side, and

— an elbow section directed upwardly and of substantially rectangular cross-section, the principal dimension of which is vertical, and into the entry of which the outlet of the mixer opens.

Compl. specn. 26 pages.

Drgs. 3 sheets

163829

Int. Cl.⁴ : A 01 D 41/12.

WHOLE CROP HARVESTING OR SEPARATING APPARATUS

Applicant : NATIONAL RESEARCH DEVELOPMENT CORPORATION, A BRITISH CORPORATION ESTABLISHED BY STATUTE OF 101 NEWINGTON CAUSEWAY, LONDON SE1 6BU, ENGLAND.

Inventors : ANDREW AUREL METIANU & IAN MICHAEL JOHNSON.

Application for Patent No. 463/Del/85 filed on 11th June, 1985.

Convention date June 20, 1984/8415712/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

9 Claims

A whole crop harvesting or separating apparatus for use with grain-bearing crops as hereinbefore defined comprising a first rotor for initial threshing, said first rotor having an adjacent concave, a second rotor for continuing the stalk-breaking begun by the first rotor, and drive means for driving the two rotors in opposite rotational senses, the concave for the first rotor having crop-engaging bars spaced apart by 30 mm or less in the direction of rotation of the first rotor and the first and second rotors having a common tangent whereby stalks leaving the concave of the first rotor travel to the second rotor along a path which is substantially tangential to peripheral surfaces of the two rotors.

Compl. specn. 11 pages.

Drg. 1 sheet

CLASS : 194 (B+C).

163830

Int. Cl. : H 01 j 1/00.

HIGH POWER WINDOW FOR EVACUATED ELECTRON BEAM GENERATORS OR PROCESSORS.

Applicant : ENERGY SCIENCES INC., A CORPORATION DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, HAVING A PRINCIPAL PLACE OF BUSINESS AT 8 GILL STREET, WOBURN, MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor : TZVI AVNERY.

Application for Patent No. 475/Del/85 filed on 14th June, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

17 Claims

A high power window for an evacuated electron beam generator or electron beam processor having a longitudinally extending metallic foil window maintaining the vacuum, and one or more pluralities of sets of successively parallel and closely spaced arcuately extending conductive fins held by the vacuum pressure to the inner surface of the foil and curving transversely across said inner surface between its longitudinal edges.

Compl. specn. 15 pages.

Drgs. 2 sheets

CLASS : 8.

163831

Int. Cl. : G 08 b 17/06.

ELECTRIC PARTICLE DETECTOR.

Applicant : P. G. E. P. PROFESSIONAL GENERAL ELECTRONIC PRODUCTS, A FRENCH COMPANY, OF 130, RUE JEAN-PIERRE TIMBAUD, 92400 COURBEVOIE, FRANCE.

Inventors : ANDRE ROOS, DANIEL DUTERTRE LADUREE, MAX GOLDMAN & ALICE GOLDMAN.

Application for Patent No. 483/Del/85 filed on 18th June, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

Electric particle detector comprising :

a power supply consisting of a transformer having a primary winding (12) and a secondary winding (15), said secondary winding (15) being connected between earth, and a point (7) through a diode (16);

a capacitor (8) connected between earth and said point (7);

and a sensor (1) having two electrodes (2, 3) the first of said two electrodes (2) being connected to said point (7) through a series resistor (6), and the second of said two electrodes (3) being connected to earth through a series resistor (4);

said electrodes (2, 3) consisting of wires bent in the shape of an alpha;

wherein the operating point of said sensor is situated at a current of between 10-13 and 10-9A and the collection of ions by said sensor results in an increase of current in the sensor.

Compl. specn. 11 pages.

Drgs. 2 sheets

163832

Int. Cl. : C 14C 3/02.

PROCESS FOR THE PREPARATION OF PREDOMINANTLY CATIONIC BASIC TITANIUM TANNING EXTRACT FOR USE AS A TANNING MATERIAL.

Applicant: COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110 001, INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (1860).

Inventors : MANICKAM PACKRISWAMY, SWAMI-NATHEN BANGARUSWAMY, JONNALAGADDA BUDAGA RAO & JNANENDRA NATH CHITTERJEE.

Application for Patent No. 512/Del/85 filed on 1st July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A process for the preparation of predominantly Cationic (52% Cationic, 40% anionic and 8% non ionic) basic titanium tanning extract for use as a tanning material which comprises treating titania pulp obtained from any titanium pigment manufacturing unit with concentrated sulphuric acid, masking the acid mixture with a masking agent and basifying the mixture by addition of alkali.

Complete specn. 9 pages.

163833

Int. Cl.⁴: E04B 1/32 E04C 2/30.**A BUILDING PANEL, STRUCTURE AND A SELF SUPPORTING BUILDING.**

Applicant & Inventor : WADE HYLTON BLAZLEY, AN AUSTRALIAN CITIZEN OF LOT 2, BEDDINGTON ROAD, EUMUNDI, IN THE STATE OF QUEENSLAND, 4562, COMMONWEALTH OF AUSTRALIA.

Application for Patent No. 514/Lel/85 filed on 1st July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

A building panel comprising a main body portion and a pair of upstanding side portions extending along respective opposite longitudinal sides of said main body portion one said side portion comprises :

a female rib and the other of said side portions having a male rib adapted for interlocking engagement with a said female rib of an adjacent said panel whereby adjacent said panels may be interlocked in use characterised in that each said side portion includes a flange portion generally upstanding from said main body portion and supporting a respective said male or female rib;

said male and female ribs extending wholly to corresponding sides of their respective supporting flange portions such that adjacent said panels may be overlapped at their adjacent side portions and moved relatively towards each other in a direction generally parallel to said side portions to cause said male and female ribs to engage and interlock said panels;

the respective adjacent flange portions of said panels when said panels are interlocked being disposed in a substantially juxtaposed attitude.

Compl. specn. 16 pages

Drg. 2 sheets

163834

Int. Cl.⁴: C08C 19/22.**PROCESS FOR THE PREPARATION OF STABILIZED ELASTOMER.**

Applicant : THE FIRESTONE TIRE & RUBBER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 1200 FIRESTONE PARKWAY, AKRON, STATE OF OHIO 44317, UNITED STATES OF AMERICA.

Inventors : EDWARD LEO KAY, RICHARD GUTLER-REZ AND WENDALL REED CONARD.

Application for Patent No. 620/Del/85 filed on 31st July, 1985.

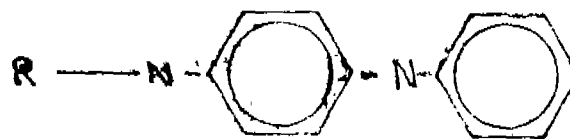
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A process for the preparation of a stabilized elastomer, comprising :

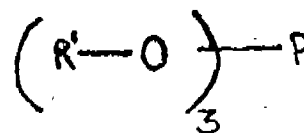
mixing in any known manner approximately 100 parts by weight of the elastomer of the kind as herein described and

from 0.05 to 1.0 parts by weight of a phenyldiamine compound having the Formula I

**Formula I**

of the drawing wherein R is an alkyl having from 1 to 12 carbon atoms, a cycloalkyl or an alkyl substituted cycloalkyl having from 5 to 12 carbon atoms, and combinations thereof; and

from 0.05 to 1.0 parts by weight of a phosphite having the Formula II

**Formula II**

of the drawings

where R' is an alkyl having from 1 to 12 carbon atoms, a cycloalkyl or an alkyl substituted cycloalkyl having from 5 to 12 carbon atoms, and combinations thereof.

Compl. specn. 18 pages

Drg. 1 sheet

163835

Int. Cl.⁴: F04B 47/02, 39/00.**SCROLL TYPE FLUID COMPRESSOR WITH HIGH STRENGTH SEALING ELEMENT.**

Applicant : SANDEN CORPORATION, OF 20 KOTOBUKI-CHO, ISESAKSHI, GUNMA, 372, JAPAN, A JAPANESE COMPANY.

Inventors : MASAHARU HIRAGA & TAMOTSU DAI-KOHARA.

Application for Patent No. 626/Del/85 filed on 1st August, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A scroll type fluid compressor having a housing (10), a pair of scrolls (13, 14), one of the scrolls (13) being fixed relative to the housing and having an end plate (131) from which a first spiral wrap (132) extends into the interior of the housing and the other scroll (14) being movably disposed for non-rotative orbital movement within the interior of the housing and having an end plate (141) from which a second spiral wrap (143) extends, the first and second wraps (132, 142) interfitting at an angular and radial offset to form a plurality of line contacts to define at least one pair of sealed-off fluid pockets; and drive means (18) connected to the other scroll (14) to effect its orbital motion and the line contacts, characterised in that a seal groove (134) is provided on the respective end surfaces of the first and second spiral wraps (132, 142) to seal the wraps, the center-line of the groove (134) being located radially inwardly of the center-line of the respective first and second spiral wraps (132, 142).

Compl. specn. 11 pages

Drg. 5 sheets

163836

Int. Cl.⁴ : B01D 11/02.

A PROCESS FOR THE PURIFICATION OF FOAM DIMETHYL TEREPHTHALATE (DMT).

Applicant : THE DIRECTOR, SIR PADAMPAT RESEARCH CENTRE, A DIVISION OF J. K. SYNTHETICS LIMITED, JAYKAYNAGAR, KOTA-324003 (RAJASTHAN), INDIA.

Inventors : NARESH DUTTA SHARMA, ASHOK AMRUT VAIDYA, LALIT SHARMA, RAJIV KUMAR DALELA & VINOD KUMAR GUPTA.

Application for Patent No. 628/Del/85 filed on 1st August, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

A process for purifying foam DMT having impurities comprising adding water to foam DMT to obtain a slurry, subjecting the slurry to filtration for removal of colloidal impurities and to obtain a residue of foam DMT, subjecting the residue to dehydration till the moisture content of foam DMT reaches to less than 0.5%, melting the dehydrated residue to obtain molten DMT and subjecting the same to distillation under reduced pressure by known method.

Complete specification 15 pages.

163837

Int. Cl.⁴ : E01B 1/00, 19/00.

RESILIENT MATTING FOR USE AS A BASE OR UNDERLAY OF A BALLAST BED.

Applicant : CLOUTH GUMMIWERKE AKTIENGESELLSCHAFT, OF NICHLER STRASSE 92-116, 5000 KÖLN 60, WEST GERMANY, A CORPORATION OF THE FEDERAL REPUBLIC OF GERMANY.

Inventor : HERMANN ORTWEIN.

Application for Patent No. 637/Del/85 filed on 5th August, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

16 Claims

Resilient matting for use as a base or underlay of a ballast bed, said resilient matting comprising a resilient body provided on its underside with a plurality of projections and along an upper side of the resilient body there is a layer of a high-strength fabric of the kind described herein which is resistant to penetrating tendencies of the ballast.

Compl. specn. 10 pages

Drg. 2 sheets

R. A. ACHARYA

Controller General of Patents, Designs and Trade Marks